

Imperial Irrigation District Grass Carp Hatchery  
Supplemental Environmental Project  
Complaint No. R7-2016-0021  
ATTACHMENT B

**Name of Organization:** Imperial Irrigation District  
333 E. Barioni Blvd.  
Imperial, CA 92251  
760-339-9143  
<http://www.iid.com>

**Contact Person:** Steve Charlton, Program Mgr. Sr., Water Quality  
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**Name of Project:** New River Wetlands/Improvement Project

**Location of Project:** City of Brawley, Imperial County  
City of Calexico, Imperial County

**Categories of SEP relevance:** Wetland, stream, or other waterbody protection, restoration or creation  
Habitat restoration or enhancement  
Pollution prevention or reduction  
Environmental education

**Project Oversight:** Barrett's Biological Surveys  
2035 Forrester Road, El Centro, CA

**Project Description:** The Imperial Irrigation District proposes a three-part SEP, including support of operation and maintenance activities at the Brawley constructed wetland site, support of Desert Wildlife Unlimited Inc.'s wetland education and outreach program, and support of the New River Improvement Project, Phase I activities in the Calexico area.

**SEP No.1**

The Citizen's Congressional Task Force on the New River (Task Force) has constructed three wetland sites along the New and Alamo Rivers to improve water quality and to reduce the degradation of the Salton Sea. The IID proposes to expend \$32,000 of internal resources to implement wetland operation and maintenance activities directly associated with the Brawley wetland site. Tasks may include:

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**Task 1 – Maintenance and operation of wetland ponds,** including bank repair/ improvement, interior pond repair/improvement, and water level adjustment as needed. Work will be performed by employees with the use of heavy equipment and vehicles.

**Task 2 – Maintenance of roads and facility grounds,** including grading, road repair/improvement, facility clean-up, and vandalism repair as needed. Work will be performed by employees with the use of heavy equipment and vehicles.

**Task 3 – Maintenance and operation of wetland pump,** including maintenance, repair, replacement, and electricity costs as needed. Work will be performed by employees with the use of heavy equipment and vehicles.

The tasks and costs set forth above represent additional activity and costs that would not normally be incurred by the Imperial Irrigation District Grass Carp Hatchery (IID). The exact amount of hours and specific staff will vary based on the projects performed, but the total amount expended and accounted for will be at or above \$32,000. As part of the settlement agreement, IID will provide the Colorado River Regional Board a complete accounting of hours and costs incurred that is consistent with acceptable professional standards. IID will also provide documentation that may include photographs, invoices, receipts, certifications, and other materials reasonably necessary for the Regional Water Board to evaluate the completion of the SEP and the costs incurred by IID.

**SEP No.2**

The IID proposes \$6,000 in funding to be issued directly to Desert Wildlife Unlimited, Inc. (DWU). These funds will be used by DWU to implement wetland operation and maintenance activities at the Brawley wetland site as necessary (see SEP No.1, Tasks 1 and 2 listed above). In addition, funds will be used to support implementation of the New River Wetlands Project education and outreach program, which may include:

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- **School field trips to Task Force wetland sites**, including transportation, shade, tables, and equipment that may be used to facilitate such activities.
- **Wetlands project wildlife education program**, including the purchase of duck eggs, duck penning material, and egg incubators to be used by local schools as classroom educational tools.

**SEP No.3**

The IID proposes to expend \$25,000 of internal resources to support the New River Improvement Project, Calexico Area – Phase 1. The project lead is the California-Border Relations Council. The goal of the project is to improve water quality in the New River as it crosses from Mexico into California. The project consists of, 1) a trash screen within the New River, downstream from the border with Mexico, 2) a conveyance system to pipe the New River wastewater from the border with Mexico to a point immediately downstream from the crossing of the New River and the All American Canal, and 3) a booster pump-back system to pump treated wastewater from the City of Calexico Wastewater Treatment Plant back to the New River, immediately downstream of the border. Tasks include:

- Provide available right of way and survey information for IID facilities within the project reach
- Conduct right of way and property title evaluation for IID facilities within the project reach
- Conduct limited field survey work related to IID facilities within the project reach
- Provide limited engineering services for review of project design plans as related to IID facilities



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**Cost of project:** \$63,000

**Project Funding:** Per the State SEP policy, up to \$63,000 of the \$111,000 civil liability may be applied to this project. Project funds have been identified and are available within the Water Department budget.

**Project Schedule:** Project start date: August 15, 2016

SEP No.1

Task 1 (ongoing):	Aug. 2016 – May 2017
Task 2 (2 primary events):	Oct. 2016 Mar. 2017
Task 3 (ongoing):	Aug. 2016 – May 2017

SEP No.2

Wildlife education program:	Sep. 2016 – Feb. 2017
School field trips:	Feb. 2017 – May 2017
Maintenance and operation of wetland ponds (ongoing):	Aug. 2016 – May 2017
Maintenance of roads and facility grounds (ongoing):	Aug. 2016 – May 2017

SEP No.3

Right of way and survey information:	Aug. 2016 – Dec. 2016
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Right of way and property  
title evaluation: Aug. 2016 – Dec. 2016  
Field survey work (ongoing): Aug. 2016 – May 2017  
Engineering services (ongoing): Aug. 2016 – May 2017

Project closeout date: July 31, 2017

**Cost Breakdown:**

<b>SEP No.1</b>	<b>\$32,000</b>
Maintenance and operation of wetland ponds	\$ 3,000
Maintenance of roads and facility grounds	\$ 3,000
Maintenance and operation of wetland pump	\$26,000
 <b>SEP No.2</b>	 <b>\$ 6,000</b>
Wetland operation and maintenance	\$ 3,000
Education and outreach program	\$ 3,000
 <b>SEP No.3</b>	 <b>\$25,000</b>
Right of way and survey information	\$ 2,000
Right of way and property title evaluation	\$ 3,000
Field survey work	\$10,000
Engineering services	\$10,000

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<b>Total Cost:</b>	<b>\$ 63,000</b>
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